

What is claimed is:

1. A surface inspection method for an inspection subject, where two or more kinds of laser are switched or mixed to make the laser incident on the film-coated inspection subject by a same incident angle, the method comprising the steps of:

storing inspection data regarding an inspection apparatus and film parameters regarding the film on the inspection subject by associating with each other so as to obtain predetermined inspection conditions; and

automatically setting the predetermined inspection conditions in the inspection apparatus by setting the film parameters of the inspection subject to be measured to the inspection apparatus by an operator when performing measurement.

2. The surface inspection method according to Claim 1, wherein the film parameters set by the operator are a film thickness and a refraction index.

3. A surface inspection apparatus for an inspection subject, where two or more kinds of laser are switched or mixed to make the laser incident on the film-coated inspection subject by a same incident angle, said apparatus comprising:

storage means for storing inspection data regarding an inspection apparatus and film parameters regarding the film on the inspection subject by associating with each other so as to obtain predetermined inspection conditions;

setting means for setting by an operator the film parameters of the inspection subject to be measured, when performing measurement;

arithmetic means for automatically calculating the predetermined inspection conditions based on the film parameters set by the setting means;

and

control means for controlling each section of the apparatus based on the predetermined inspection conditions calculated by the arithmetic means.

4. The surface inspection apparatus according to Claim 3, wherein the film parameters set by the setting means are a film thickness and a refraction index.